

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Wagner et al. Art Unit : 2878
Serial No. : 10/759,964 Examiner : Thanh X. Luu
Filed : January 17, 2004 Conf. No. : 1502
Title : CATADIOPTIC PROJECTION OBJECTIVE WITH ADAPTIVE MIRROR
AND PROJECTION EXPOSURE METHOD

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) CARL ZEISS SMT AG, a corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. A copy of the assignment is attached herewith.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints:

Sean P. Daley, Reg. No. 40,978 Christopher C. Bowley, Reg. No. 55,016
Marc M. Wefers, Reg. No. 56,842

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

PTO Customer Number: 26161

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Attorney's Docket No.: 17979-033001 / 98018CIPUS

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: Sept. 1, 2006

i.v. A. Zeiler
Dr. Andreas Zeiler
Authorized Clerk

Date: September 12, 2006

i.v. Schultz
Joerg Schultz
Authorized Clerk

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

ASSIGNMENT

For valuable consideration, we, Christian Wagner, of 8 Weidenfeld, 73430 Aalen, Germany, Michael Gerhard, of Buehlstrasse 4, 73432 Aalen, Germany, and Gerald Richter, of Am Steg 9, 73453 Abtsgmuend, Germany; hereby assign to CARL ZEISS SMT AG, a corporation of Germany, having a place of business at Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled CATADIOPTRIC PROJECTION OBJECTIVE WITH ADAPTIVE MIRROR AND PROJECTION EXPOSURE METHOD, filed January 17, 2004, and assigned U.S. Serial Number 10/759,964, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: July 127/2006 CS
CHRISTIAN WAGNER

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

DATE: _____
MICHAEL GERHARD

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

DATE: _____
GERALD RICHTER

Witnessed by:

Name: _____ Date: _____

Name: _____ Date: _____

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ASSIGNMENT

For valuable consideration, we, Christian Wagner, of 8 Weidenfeld, 73430 Aalen, Germany, Michael Gerhard, of Buehlstrasse 4, 73432 Aalen, Germany, and Gerald Richter, of Am Steg 9, 73453 Abtsgmuend, Germany; hereby assign to CARL ZEISS SMT AG, a corporation of Germany, having a place of business at Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled CATADIOPTRIC PROJECTION OBJECTIVE WITH ADAPTIVE MIRROR AND PROJECTION EXPOSURE METHOD, filed January 17, 2004, and assigned U.S. Serial Number 10/759,964, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: _____

CHRISTIAN WAGNER

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

DATE: July 13th, 2006

Michael Gerhard
MICHAEL GERHARD

Witnessed by:

Name: David Jestic

Date: July 13th, 2006

Name: _____

Date: _____

DATE: Jul. 12, 2006

Gerald Richter
GERALD RICHTER

Witnessed by:

Name: Edith Blessing

Date: Jul. 12, 2006

Name: _____

Date: _____

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